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TITLE: Method for planting flock on textile and device thereof

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PATENT-FAMILY:

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ABSTRACTED-PUB-NO: KR2003063833A

BASIC-ABSTRACT:

NOVELTY - A method for planting flock on textile and a device thereof are characterized by planting the flock by an electrostatic adsorption method, absorbing unplanted flock, going a jig from a printing unit to an absorbing unit in order and planting the flock on a pattern part. The method and the device planting the flock are capable of reusing the flock,

preventing
surroundings pollution, increasing productivity, automating a
planting process,
reducing the amount of materials used and flocking various colors.

DETAILED DESCRIPTION - The planting method of the flock comprises the steps of:
coating a surface of the textile with a thermosetting adhesive on a proper
pattern to print; bonding the flock on the adhesive to flock; heat-drying the
textile bonded the flock and the adhesive; brushing the flock to raise the
flock; and then absorbing the unplanted flock. The planting device of the
flock is comprised of: a printing unit(10) through hole which is formed on a
screen, having proper pattern; a screen supplied with the adhesive; a coating
device for coating the surface with the adhesive through the through hole; a
flocking unit(20) for planting the flock on the adhesive; a heat-drying
unit(30) for heat-drying the textile; a brushing unit(50) for raising the
planted flock; and the absorbing unit(60) for absorbing the unplanted flock.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: METHOD PLANT FLOCK TEXTILE DEVICE

DERWENT-CLASS: F07

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